



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/754,562	01/04/2001	Karl Heinz Kremer	10432-8	3723
7590	07/31/2006		[REDACTED]	[REDACTED] EXAMINER SINGH, SATWANT K
			[REDACTED]	[REDACTED] ART UNIT 2625
				PAPER NUMBER

DATE MAILED: 07/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/754,562	KREMER ET AL.
	Examiner	Art Unit
	Satwant K. Singh	2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 19 May 2006.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-19 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-19 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 04 January 2001 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____

DETAILED ACTION

Response to Amendment

1. This office action is in response to the amendment filed on 19 May 2006.

Response to Arguments

1. Applicant's arguments, see amendment, filed 19 May 2006, with respect to the amended claims have been fully considered and are persuasive. The final rejection of 17 March 2006 has been withdrawn. However, since the same prior art of Hube is being used to address the amended claims, a subsequent final rejection is being issued.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-3, 5-8, 10-13, 15, and 16-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Hube (US 5,337,161).

4. Regarding Claim 1, Hube discloses a printing system for printing a document (Fig. 1, printing system 2), said printing system comprising: a job preparation station (scanner section 6, controller section 7), including a processor (processor 25), a memory (main memory 56), and a user interface (user interface 52), said job preparation station configured at least to: generate flags stored in the memory for each of a plurality of pages in a document to be printed (pages specified to be programmed as tab stock), the flags being generated in response to first inputs received from the

user interface (user can specify pages in the print job to be programmed as tab stock), the first inputs specifying that selected pages in the document include tabs (user can specify pages in the print job to be programmed as tab stock), the flags indicating that the selected pages in the document contain the tabs (pages specified to be programmed as tab stock) (col. 7, lines 5-34), store specified characters for each of the selected pages to be rendered on the tabs, the specified characters for each of the selected pages being stored in the memory in a non-image format and being stored in response to second inputs received from the user interface (tab image) (col. 8, lines 47-67 and col. 9, lines 1-2), and store, on a plurality-of-page basis, global tab stock data in the memory identifying the tab stock to be used for printing all of the selected pages, the global tab stock data being stored in response to a third input received from the user interface (page tickets are saved) (col. 8, lines 14-28); and a print output module (Fig. 2, printer 8) that receives the flags, specified characters to be rendered on said tabs, and the global tab stock data from the job preparation station and prints the specified characters on the tabs of the specified pages of the identified tab stock (Fig. 9) (printing tab images on the tab pages) (col. 8, lines 14-46).

5. Regarding Claim 2, Hube discloses a printing system wherein each of the flags (tab parameters) (col. 7, lines 5-16 and col. 8, lines 15-27) and the specified characters for each of the selected pages (tab image) (col. 8, lines 47-67 and col. 9, lines 1-2) are stored as objects.

6. Regarding Claim 3, Hube discloses a printing system wherein said objects are page objects (page tickets) (col. 8, lines 15-27).

7. Regarding Claim 5, Hube discloses a printing system wherein a tab sheet is created as an additional page to the document (tab stock) (col. 7, lines 9-12)
8. Regarding Claim 6, Hube discloses a printing system for printing a document, said printing system comprising: a job preparation station, including a processor and a memory, said job preparation station generating a flag stored in the memory indicating that a selected page in a document to be printed includes a tab (pages specified to be programmed as tab stock) (col. 7, lines 5-34); a user interface (user interface 52) including an input device for a user to specify the selected page and tab label information to be rendered on said tab and to allow the user to select a specific tab stock to be used for all pages having tabs in the document, the tab label information being entered independent of the specific tab stock, and the selected specific tab stock being stored in the memory on a plurality-of-page basis (tab image) (col. 8, lines 47-67 and col. 9, lines 1-2); and a print output module that receives the flag and the tab label information to be rendered on said tab and prints said tab label information on said tab of the selected page of the specific tab stock (Fig. 9) (printing tab images on the tab pages) (col. 8, lines 14-46), wherein the specified characters for each of the selected pages are stored in a non-image format (tab image) (col. 8, lines 47-67 and col. 9, lines 1-2).
9. Claims 7, 12, and 17 are rejected for the same reason as claim 2.
10. Claims 8, 13 and 18 are rejected for the same reason as claim 3.
11. Claims 10 and 15 are rejected for the same reason as claim 5.
12. Claim 11 is rejected for the same reason as claim 1.

13. Claim 16 is rejected for the same reason as claim 6.

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

15. Claims 4, 9, 14, and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hube in view of Neuhard et al. (US 6,052,198).

16. Regarding Claim 4, Hube fails to teach a printing system wherein said objects comprise PDF objects.

Neuhard et al teach a printing system wherein said objects comprise PDF objects (organizing files associated with a job ticket wherein the file item includes a PDF file) (col. 6, lines 8-16).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Hube with the teaching of Neuhard wherein the file objects comprise PDF files in order to obtain a variety of data files.

17. Claims 9, 14, and 19 are rejected for the same reason as claim 4.

Conclusion

18. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



sk

Satwant K. Singh
Examiner
Art Unit 2625



KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER